

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

- Claim 1 (original). A reforming catalyst for use in feed streams containing steam, CO<sub>2</sub>, and CO at levels such that the H<sub>2</sub>O/CH<sub>4</sub> is less than 0.8 and the CO<sub>2</sub>/CH<sub>4</sub> is greater than 0.5, the feed stream further containing relatively high quantities of sulfur compounds, the catalyst comprising from about 0.5 wt% to about 25 wt% of a calcium compound additive, from about 2 wt% to about 30 wt% nickel, from about 25 wt% to about 98 wt% of an aluminum compound carrier, and from about 0.01 wt% to about 20 wt% of titanium.
- Claim 2 (original). The catalyst of Claim 1 wherein the calcium compound combined with the aluminum compound comprises calcium aluminate.
- Claim 3 (original). The catalyst of Claim 1 wherein the amount of free calcium oxide present in the catalyst is not detectable by x-ray diffraction.
- Claim 4 (original). The catalyst of Claim 1 wherein the calcium compound comprises from about 2 wt% to about 16 wt% of the catalyst.
- Claim 5 (original). The catalyst of Claim 1 wherein the nickel comprises from about 2 wt% to about 20 wt% of the catalyst.
- Claim 6 (currently amended). The catalyst of Claim 1 with having a BET surface area greater than about 4 m<sup>2</sup>/g.
- Claim 7 (currently amended). The catalyst of Claim 1 with having a BET surface area from about 6 m<sup>2</sup>/g to about 30 m<sup>2</sup>/g.
- Claim 8 (currently amended). The catalyst of Claim 1 with having a nickel specific surface area greater than about 2 m<sup>2</sup>/g.
- Claim 9 (currently amended). The catalyst of Claim 1 with having a nickel specific surface area greater than about 4 m<sup>2</sup>/g.

Claim 10 (currently amended). The catalyst of Claim 1 with having a pore volume greater than about 0.2 cc/g.

Claim 11 (currently amended). The catalyst of Claim 1 wherein the stabilizer titanium comprises from about 0.1 wt% to about 10 wt% of the catalyst.

Claim 12 (currently amended). A reforming catalyst comprising from about 0.5 wt% to about 25 wt% of a calcium compound additive, from about 2 wt% to about 30 wt% nickel, from about 25 wt% to about 98 wt% of an aluminum compound carrier, and from about 0.01 wt% to about 20 wt% of titanium, wherein substantially all of the calcium is combined with the ~~alumina~~ aluminum compound carrier and wherein said catalyst has a BET surface area greater than about 4 m<sup>2</sup>/g.

Claim 13 (original). The catalyst of Claim 12 wherein the calcium compound comprises from about 2 wt% to about 16 wt% of the catalyst.

Claim 14 (original). The catalyst of Claim 12 wherein the nickel comprises from about 2 wt% to about 20 wt% of the catalyst.

Claim 15 (original). The catalyst of Claim 12 wherein the titanium comprises from about 0.1 wt% to about 10 wt% of the catalyst.

Claim 16 (currently amended). The catalyst of Claim 12 with having a BET surface area from about 6 m<sup>2</sup>/g to about 30 m<sup>2</sup>/g.

Claim 17 (currently amended). The catalyst of Claim 12 with having a nickel specific surface area greater than about 2 m<sup>2</sup>/g.

Claim 18 (currently amended). The catalyst of Claim 12 with having a pore volume greater than about 0.2 cc/g.

Claims 19 – 20 (cancelled).